

REMARKS

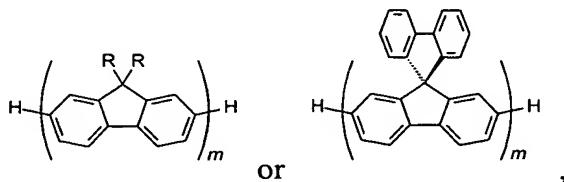
Claims 1 to 9, 11 to 18, 20, and 22 appear in this application for the Examiner's review and consideration. Applicants acknowledge with appreciation the allowance of claim 22, and the indication of allowable subject matter in claims 1 to 9, 11 to 18, and 20. For the reasons set forth below, Applicants submit that all of the present claims are in condition for allowance.

Claims 1 to 9, 11 to 18, and 20 were rejected under 35 U.S.C. §112, second paragraph, as allegedly being indefinite for the reasons set forth on 2 and 3 of the Office Action.

In response, Applicants submit that the Office Action dated April 21, 2005, stated:

Claims 8-10, 17-19, and 21 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. The closest prior art has been discussed herein. The prior art fails to teach a metal binding agent comprising a crown ether, cryptand or a compatibilizer (as defined by applicants) in combination with the other components of an organic light emitting device layer. The prior art further fails to teach the oligofluorene compounds set forth in claim 21 in an electron transporting material in combination with the other required components of a device.

In response, in the Amendment filed June 8, 2005, Applicants Amended the independent claims to recite that the metal binding agent comprises a compatibilizer, the subject matter of original claims 10 and 19, and/or that the electron transporting host material is selected from a material having the formula

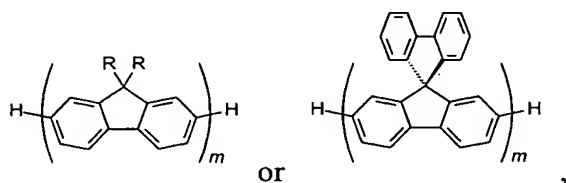


where m and R are defined in the claim, the subject matter of original claim 21, and/or that the metal binding agent is electrically neutral, subject matter that the present Office Action indicates is allowable for the reasons set forth on page 3 of the Office Action.

The Advisory Action dated September 27, 2005, maintains the rejection of the claims under 35 U.S.C. § 112, second paragraph. In response, Applicants have amended the claims

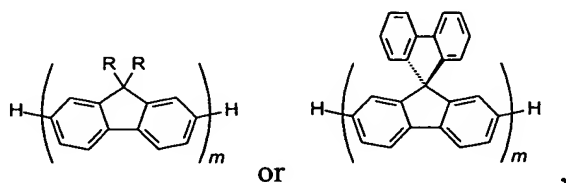
to delete “and/or,” and to recite that the organic layer of claim 1 and the second organic layer of claim 12 comprise a host material and a metal binding layer, where:

- (a) the metal binding agent is electrically neutral; or
- (b) the metal binding agent comprises a compatibilizer; or
- (c) the host material is selected from a material having the formula



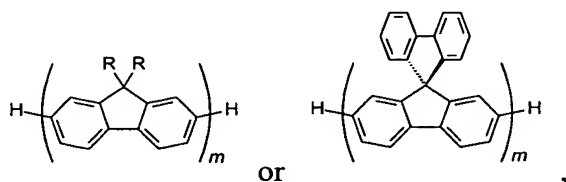
where m is 2 to 8 and each R is independently selected from alkyl, aryl and aralkyl; or

- (d) the metal binding agent is electrically neutral, and the metal binding agent comprises a compatibilizer; or
- (e) the metal binding agent is electrically neutral, and the host material is selected from a material having the formula



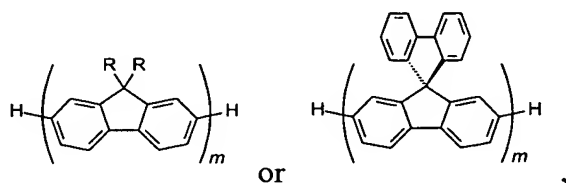
where m is 2 to 8 and each R is independently selected from alkyl, aryl and aralkyl; or

- (f) the metal binding agent comprises a compatibilizer, and the host material is selected from a material having the formula



where m is 2 to 8 and each R is independently selected from alkyl, aryl and aralkyl; or

- (g) the metal binding agent is electrically neutral, the metal binding agent comprises a compatibilizer, and the host material is selected from a material having the formula



wherein m is 2 to 8 and each R is independently selected from alkyl, aryl and aralkyl.

The claims, as amended, clearly set forth the different combinations of metal binding agents and host materials that are presently claimed. One of ordinary skill in the art will recognize that the combinations of metal binding agents and host materials recited in the claims are those delineated by the use of "and/or" in the previous claims.

Therefore, the claims particularly point out and distinctly claim the subject matter Applicants regard as the invention, and, thus, meet the requirements of 35 U.S.C. § 112, second paragraph. Accordingly, it is respectfully requested that the Examiner withdraw the rejection of claims 1 to 9, 11 to 18, and 20 under 35 U.S.C. §112, second paragraph.


Applicants thus submit that the entire application is now in condition for allowance, an early notice of which would be appreciated. Should the Examiner not agree with Applicants' position, a personal or telephonic interview is respectfully requested to discuss any remaining issues prior to the issuance of a further Office Action, and to expedite the allowance of the application.

No fee is believed to be due for the filing of this Amendment. Should any fees be due, however, please charge such fees to Deposit Account No. 11-0600.

Respectfully submitted,

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Dated: November 1, 2005

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